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Attorney Docket No. 4394.214

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Svendsen et al.

Application No.: 09/325,603

Group Art Unit: 1652

Filed: June 3, 1999

Examiner: E. Slobodyansky

For: Alpha-amylases

Confirmation No.: 3011

AMENDMENT UNDER 37 C.F.R. 1.121

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated December 4, 2001, please consider the following amendments and remarks.

IN THE CLAIMS

Please cancel claims 84 and 85 without prejudice.

Please amend claims 81, 83 and 86.

61 1 81. (amended) A method for producing a variant of a parent alpha-amylase having an altered property relative to said parent alpha-amylase, wherein said altered property is selected from the group consisting of substrate specificity, substrate binding, substrate cleavage pattern, temperature stability, pH dependence of enzymatic activity, pH dependence of stability, stability towards oxidation, Ca^{2+} -dependency and specific activity, wherein said parent alpha-amylase has a sequence of at least 70% homology to the sequence of SEQ ID No: 13, when 'homology is determined by the GAP program (Genetic Computer Group, Version 7.3) using default values for GAP penalties, said method comprising

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GROUP 1600



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Group Art Unit: 1652

Examiner: E. Slobodyansky

CERTIFICATE OF FACSIMILE TRANSMISSION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I hereby certify that the attached correspondence comprising:

1. Amendment Transmittal
2. Amendment
3. Marked Up Claims
4. Exhibit 1

Was sent to the United States Patent and Trademark Office by telefax to the attention of Elizabeth Slobodyansky, fax number (703) 308-4242.

Respectfully submitted,

Date:

3/4/02

C Cheryl H. Agris

Cheryl H. Agris, Reg. No. 34,086
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Examiner: E. Slobodyansky

AMENDMENT TRANSMITTAL

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment for the above-identified application.

No fee is required for this amendment. Please charge any fees to deposit account
number 50-1701.

Respectfully submitted,

Date:

3/4/02

Cheryl H. Agris

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